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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/661,189 | 09/12/2003 | Darwin Mitchel Hanks | 200310345-1 | 8310 |

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| EXAMINER |
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LAMB, CHRISTOPHER RAY

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| ART UNIT | PAPER NUMBER |
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2627

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02/06/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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|---|---------------------------------|------------------------------|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 10/661,189 | Applicant(s) HANKS ET AL. | |
| | Examiner Christopher R. Lamb | Art Unit 2627 | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 16 January 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☒ Applicant's reply has overcome the following rejection(s): see Note 5 below.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1,3,4,7,13,15-21,25-35,38-40 and 46.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: see Note 11 below.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.

Note 5: Applicant's amendment has overcome the 35 U.S.C. 112 rejections of claims 14, 17, 18, and 27-33; it has also overcome the 35 U.S.C. 102(b) rejection of claims 1, 8, 13, and 22 as anticipated by Horikawa et al. (US 4,884,259).

Note 11: Applicant's argument is that because Applicant is unfamiliar with the term "phasic synchronism" used by Satoh, and because a Google search by Applicant for this exact phrase produced only four "hits," Satoh must not be controlling the rotational speed of the media as required by the claim. This argument is not persuasive. Clearly the term is a simple variant of "phase synchronization." This term or variants on it are commonly used in the art to denote the necessity of matching disc speed and write or read frequency. Thus when Satoh states "the rotation starting point pulse 'd' is fed to a disc drive motor driving circuit 28 so as to control the phasic synchronism of the disk drive motor 23," it is more than apparent to one of ordinary skill in the art that Satoh is using the sensed frequency to control the disc drive motor to control the speed of the disc in order to synchronize it with the writing or reading operation, which is exactly what Applicant discloses. To specifically respond to Applicant's argument that a search for the exact term "phasic synchronism" resulted in only four hits on Google, the Examiner notes that this hardly constitutes a complete search, and by example, notes that searching for variants of the word "phase" near to variants on the word "synchronize" in the U.S. Patent database results in more than 29,000 hits: more than 2,000 of these in the specific area of magnetic or optical disc drives.


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